

Power indices, claims games and core selection

Citation for published version (APA):

Kong, Q. (2021). *Power indices, claims games and core selection*. [Doctoral Thesis, Maastricht University, Northwestern Polytechnical University]. Maastricht University. <https://doi.org/10.26481/dis.20210208qk>

Document status and date:

Published: 01/01/2021

DOI:

[10.26481/dis.20210208qk](https://doi.org/10.26481/dis.20210208qk)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

www.umlib.nl/taverne-license

Take down policy

If you believe that this document breaches copyright please contact us at:

repository@maastrichtuniversity.nl

providing details and we will investigate your claim.

Propositions

accompanying the thesis

Power indices, claim games and core selection

by

Qianqian Kong

1. In collective decision-making, the support or enthusiasm about the issues involved could be a vital factor to measure and compare the power of players in political and economic situations when taking these issues (for instance, a new law) into account.
2. The power in marriage problems is a measure of possibilities or opportunities of men and women. The greater a person's possibility or opportunities of changing a matching is, the more power he or she would get.
3. Simplifying the power index through the Transfer Property or Equal Power Change makes characterizations easier.
4. Punishment often makes people live in the present consciously, which is consistent with one conclusion in claim games that myopic play is an optimal strategy under the punishment on deviators.
5. To get more, one should create more under a commonly accepted assessment standard.
6. Elimination by invoking reasonable criteria is always a good way to rationalize choices.
7. Mathematics serves as a fundamental tool to especially model reasoning scenarios.
8. It does not matter how slowly you go as long as you do not stop!!

- Confucius